

REMARKS

Entry of this amendment is respectfully requested.

Claims 31-43 were rejected under 35 U.S.C. §103(a) for allegedly being unpatentable over Doliwa in view of Coyle. Claims 44 and 45 were rejected under the same statute over Doliwa, Coyle and Jones. Claims 46-48 were rejected under this statute over Doliwa and Coyle. Applicants respectfully traverse each of these rejections.

As the Examiner notes, Doliwa fails to disclose, *inter alia*, adding inorganic solids. The Examiner cites Coyle for disclosing adding TICO 90 to a grey iron melt to improve the production of gray iron. Coyle discloses at Col. 2, lines 26-29, that the titanium should be associated with a carrying element such as silicon carbide. At Col. 2, lines 7-25, the functions of silicon carbide are described, including its claimed reactivity as it dissolves into the matter metal.

Doliwa discloses at Col. 3, lines 58-64, to use a compact that contains, e.g., carbazol. However, there is no reason to combine Doliwa and Coyle to arrive at the presently claimed invention, as there appears to be no reason to use titanium without silicon carbide.

Jones does not overcome the foregoing deficiencies.

Claims 31-37 and 39-48 were rejected under 35 U.S.C. §103(a) over Neuer in view of Coyle. Applicants respectfully traverse.

The Examiner alleges that it would be obvious to add an agent such as TICO 90 to polyethylene wire filling, but has not cited any objective reason why one of skill in the art at the time of the present invention would do so.

Furthermore, it is not understood how the use of coral wire relates to a process of introducing a mixture of inorganic solids into a hydrocarbon containing plastic and introducing the resulting mixture into a melt.

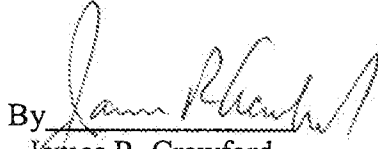
Thus, this rejection should be withdrawn.

In view of the foregoing, allowance is respectfully requested.

The Commissioner is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 50-0624, under Order No. NY-DNAG-320-US.

Respectfully submitted

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